IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MADEMER Re Application of: Chen W. Liaw and I-Lin Lin Confirmation No.: 5835

Serial No.: 10/782,596 Art Unit No.: 1646

Filing Date: February 19, 2004 Examiner: Ruixiang Li

For: NUCLEIC ACID ENCODING HUMAN G PROTEIN-COUPLED RECEPTOR

Customer No.: 35133

EXPRESS MAIL INFORMATION
EXPRESS MAIL LABEL NO: EV146 601 579US
DATE OF DEPOSIT: December 20, 2005

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Form SB/08b, formerly known as PTO Form 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made.

This S	Supplemental Information Disclosure Statement is being filed:
	within three months of the filing date of the patent application.
	within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.
	before the mailing date of a first Office Action on the merits.

after the mailing date of a first Office Action on the merits or after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, but before the

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	mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, and accordingly is accompanied by:				
		the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);			
		and			
	\boxtimes	the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or			
		No fee is owed by the applicant(s).			
	In accordance with 37 C.F.R. § 1.129(a), this Supplemental Information Disclosure Statement is being filed in connection with the first or second After Final Submission, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p), is attached.				
	Notice Fee, a	the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a e of Allowance under 37 C.F.R. § 1.311, but before the payment of the Issue and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e), Statement," and "Fees" below).			
\boxtimes	_	copy of the references listed on the attached PTO Form SB/08b, formerly own as PTO Form 1449 is enclosed herewith,			
EXCE	EPT TH	IAT:			
		In view of the voluminous nature of reference @@, and the likelihood that this reference is available to the Examiner, copies are not enclosed herewith.			
		In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.			
		Copies of references A13 and A15-A18, listed on the attached PTO Form SB/08A and PTO Form SB/08B, were previously cited by or submitted to the U.S. Patent and Trademark Office in parent Application Serial No. 09/875,076 filed June 6, 2001.			
		If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.			

Pursuant to Fed. Reg. Vol. 69, No. 182, dated September 21, 2004, copies of U.S. Patents and U.S. Patent Publications need not be submitted as part of a Supplemental Information Disclosure Statement.

Stater	ment under 37 C.F.R. § 1.97(e)			
	the Supplemental Information Disclos from a foreign patent office in a cour	es that each item information contained in ure Statement was cited in a communication nterpart foreign patent application not more of the Supplemental Information Disclosure		
Staten	ment under 37 C.F.R. § 1.704(d)			
	the Supplemental Information Disclos from a foreign patent office in a cour	es that each item information contained in ure Statement was cited in a communication atterpart application and the communication designated in § 1.56(c) more than 30 days Information Disclosure Statement.		
Fees				
	No Fee is owed by the applicant(s).			
	The Supplemental Information Disclosure Statement Fee of <u>\$180.00</u> under 37 C.F.R. § 1.17(p) is authorized to be charged to Deposit Account No. 50-1275.			
Metho	od of Payment of Fees			
	Attached is a check in the amount of in duplicate.	\$ This form is submitted		
	Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate.			
	Please charge any deficiency or credit any overpayment to Deposit Account 50 1275.			
	No fee or Statement is required under	37 C.F.R. § 1.97(b).		
		Respectfully submitted Michael A. Patená		
Decem		Michael A. Patané Registration No. 42,982		

Dated: December 20, 2005

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-6966 – Telephone (215) 701-2080 - Facsimile

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

	Complete if Known	
Application Number	10/782,596	
Filing Date	February 19, 2004	
First Named Inventor	Chen W. Liaw, et al.	
Art Unit	1646	
Examiner Name	Ruixiang Li	
Attorney Docket Number	AREN11.US12.CON	

			U.S. PATENT	OCUMENTS	
Examiner Cite Document Number			Document Number		Pages, Columns, Lines, Where Relevant Passages or Relevant
	A11	US-6,468,756	10-22-2002	Bonini, et al.	Figures Appear
	1	US-			
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	1	US-			

FOREIGN PATENT DOCUMENTS						
Evernines	Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
	A12	CA 2 362 906	08-31-2000	Synaptic Pharmaceutical Corp.		
	A13	EP 1 092 727	04-18-2001	Pfizer Ltd.		
	A14	WO 00/22131	04-20-2000	Arena Pharm Inc.		-
	A15	WO 00/50562	08-31-2000	Synaptic Pharma Corp.		
	A16	WO 01/32864	05-10-2001	Merck Patent		
	A17	WO 01/36473	05-25-2001	Upjohn Co.		
	A18	WO 01/42288	06-14-2001	Incyte Genomics Inc.		
	1					

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO					Complete if Known
		0.1 D.0	OL COURT	Application Number	10/782,596
		_	CLOSURE	Filing Date	February 19, 2004
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Chen W. Liaw, et al.
				Art Unit	1646
(Use as many sheets as necessary)			necessary)	Examiner Name	Ruixiang Li
Sheet	2	of	2	Attorney Docket Number	AREN11.US12.CON

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials * Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of			
	A19	BROUN, P., ET AL., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids," <i>Science</i> , 282 :1315-1317, (November 13, 1998)	
	A20	FEHMANN, H-C., ET AL., "Cell and Molecular Biology of the Incretin Hormones Glucagon-Like Peptide-I and Glucose-Dependent Insulin Releasing Polypeptide," <i>Endocrine Reviews</i> , 16(3) :390-410, (1995)	
	A21	LEURS, R., ET AL., "Agonist-independent regulation of constitutively active G-protein-coupled receptors," <i>TIBS</i> , 23 :418-422, (November, 1998)	
	A22	MURDOCH, C. and FINN, A., "Chemokine receptors and their role in inflammation and infectious diseases," <i>Blood</i> , 95(10) :3032-3043, (May 15, 2000)	
	A23	NG, D.H.W., ET AL., "Point Mutation in the Second Phosphatase Domain of CD45 Abrogates Tyrosine Phosphatase Activity," <i>Biochemical and Biophysical Research Communications</i> , 206(1) :302-309, (January 5, 1995)	
	A24	PAUWELS, P.J. and WURCH, T., "Review: Amino Acid Domains Involved in Constitutive Activation of G-Protein-Coupled Receptors," <i>Molecular Neurobiology</i> , 17:109-135, (1998)	
	A25	REN, Q., ET AL., "Constitutively Active Mutants of the a_2 -Adrenergic Receptor," <i>The Journal of Biological Chemistry</i> , 268(22) :16483-16487, (1993)	
	A26	SKOLNICK, J., ET AL., "Structural genomics and its importance for gene function analysis," <i>Nature Biotechnology</i> , 18 :283-287, (March, 2000)	
	A27	THORENS, B., "Expression cloning of the pancreatic β cell receptor for the gluco-incretin hormone glucagon-like peptide 1," <i>Proc. Natl. Acad. Sci.</i> , 89 :8641-8645, (September, 1992)	
	A28	WATSON, S. and ARKINSTALL, S., The G-Protein Linked Receptor Facts Book, pp. 223-230, (1994)	
	A29	Genebank Accession No. AL035423, version AL035423.4 GI:4467309, "Homo sapiens chromosome X clone 20I3," accessed by PTO on 4/28/2004, (February 27, 1999)	

	Examiner Signature	Date Conside	red
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual control of the complete description of the complete description forms to the USPTO. Time will vary depending upon the individual control of the complete description forms to the USPTO. Time will vary depending upon the individual control of the complete description forms to the USPTO. Time will vary depending upon the individual control of the complete description forms to the USPTO. case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.